# STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

#### LASALLE CONTRACT NO. 66M16

D-93-012-22

#### **INDEX OF SHEETS**

- COVER SHEET
- GENERAL NOTES
- SUMMARY OF QUANTITIES
- TYPICAL SECTIONS
- SCHEDULES
- DETAILS

# **PROPOSED HIGHWAY PLANS**

**FAP ROUTE 786 (IL 170)** SECTION (110, 111) SFY PROJECT: HSIP - GYZS (422) SHOULDER WIDENING AND RUMBLE STRIPS LASALLE COUNTY

C-93-032-22

#### STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS 000001-08 001006 DECIMAL OF AN INCH AND OF A FOOT MAILBOX TURNOUT

406201-01 HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT 482001-02 482006-03 HMA SHOULDER ADJACENT TO RIGID PAVEMENT

642006-01 SHOULDER RUMBLE STRIPS, 8 INCH

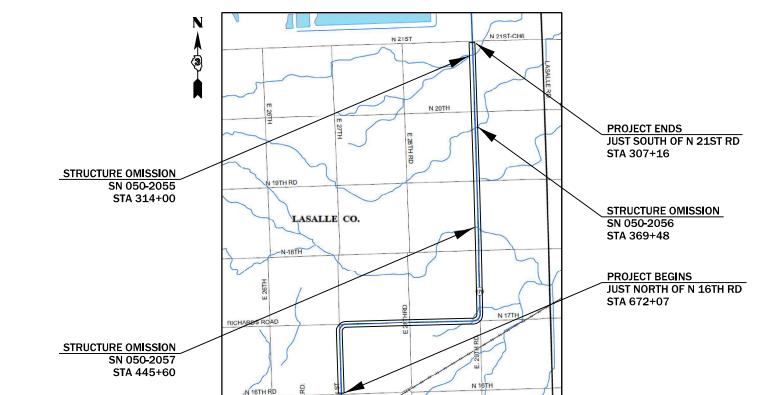
701006-05 OFF-ROAD OPERATIONS 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM

**HIGHWAY STANDARDS** 

701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY

701326-04 LANE CLOSURE, 2L. 2W. PAVEMENT WIDENING, FOR SPEEDS ≥ 45 MPH

701901-08 TRAFFIC CONTROL DEVICES



GROSS LENGTH = 36,491 FT. = 6,91 MILES NET LENGTH = 35,641 FT. = 6.75 MILES

FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD **ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT** CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION 1-800-892-0123

PROJECT ENGINEER: JOE KANNEL, P.E. UNIT CHIEF: MARC BUDZYNSKI, P.E. **DISTRICT 3 NO. (815) 434-6131** CONTRACT NO. 66M16

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LOCATION OF SECTION INDICATED THUS: - -

**IL 170 - MINOR ARTERIAL** 

2019 ADT = 1250

P.V. = 74.4% S.U. = 10.4% M.U. = 15.2%

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

March 21, 22

May 13, 2022

SUBMITTED

REV. 4/21/22

REGIONAL ENGINEER

COMMITMENTS:

THE HMA SURFACE OF ALL MAILBOX TURNOUTS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, AND SIDE ROADS SHALL BE MADE NEATLY, IN A WORKMANLIKE MANNER, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL SAW CUT THE HMA SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK WILL BE INCLUDED IN THE COST OF THE HMA SURFACE.

ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

HMA RESURFACING	112	LBS / SO YD / IN
THE RESOLUTION	112	

ALL DAMAGE TO DEPARTMENT OWNED UNDERGROUND FACILITIES, CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE DEPARTMENT AT THE CONTRACTOR'S EXPENSE. THIS SHALL INCLUDE ALL TEMPORARY REPAIRS REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS. SPLICING OF ELECTRIC CABLE WILL NOT BE ALLOWED. ELECTRIC CABLE SHALL BE REPLACED FROM POLE TO POLE OR CONTROLLER.

THE CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA.

HMA MIXTURE REQUIF	REMENT TABLE	
LOCATION(S):	ENTIRE PROJECT	ENTIRE PROJECT
MIXTURE USE(S):	SHOULDER BOTTOM LIFT(S)	SHOULDER TOP LIFT (2")
BINDER GRADE (PG):	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION: (MIXTURE GRADATION)	IL-19.0	IL-9.5 FG
FRICTION AGGREGATE:	-	-
MIXTURE WEIGHT:	112.0 LB/SY/IN	112.0 LB/SY/IN
QUALITY MANAGEMENT PROGRAM:	QC/QA	QC/QA
SUBLOT SIZE:	N/A	N/A
DENSITY TEST METHOD:	CORES	CORES
MATERIAL TRANSFER DEVICE (REQUIRED?):	NO	NO

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE
AS BUILT INFORMATION

SUPERVISING CONSTRUCTION FIELD ENGINEER

JOI ENVISING CONSTRUCTION FIELD ENGINEER

RESIDENT ENGINEER / TECHNICIAN

START & END DATES OF CONSTRUCTION:

INSPECTORS:

PREPARED BY:

DISTRICT STUDIES & PLANS ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE

DATE:

EXAMINED BY:

DISTRICT CONSTRUCTION ENGINEER

DISTRICT MATERIALS ENGINEER

DISTRICT OPERATIONS ENGINEER

USER NAME = budzynskim	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100 0000 / in	CHECKED -	REVISED -
PLOT DATE = 3/21/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

: NAME: c:lpv worktpwidot/budzynskim\d0750644\D366M16-sht:

	CONSTR. CODE	
	90% FED 10% STATE	
	SAFETY	
L	0021	
ITY	RURAL	
0	14100	

					10/0 31A1L
					SAFETY
	CODE			TOTAL	0021
L	NO.	ITEM	UNIT	QUANTITY	RURAL
4	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	14100	14100
4	40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	1.9	1.9
_	44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	16	16
	11000137	THE PARK TO THE TOTAL THE REMOVE,	34 15	10	
4	48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	31301	31301
-	64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	69915	69915
٠ (	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	40	40
: (	66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1
٠ (	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1
	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1
		REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	2 3014	1	1
. (	66901006	REGULATED SUBSTANCES MONITORING	CAL DA	1	1
	67100100	MOBILIZATION	L SUM	1	1
-					
	70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1
F	70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	10	10
- [	78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	143412	143412

<sup>\*=</sup> SPECIALTY ITEM

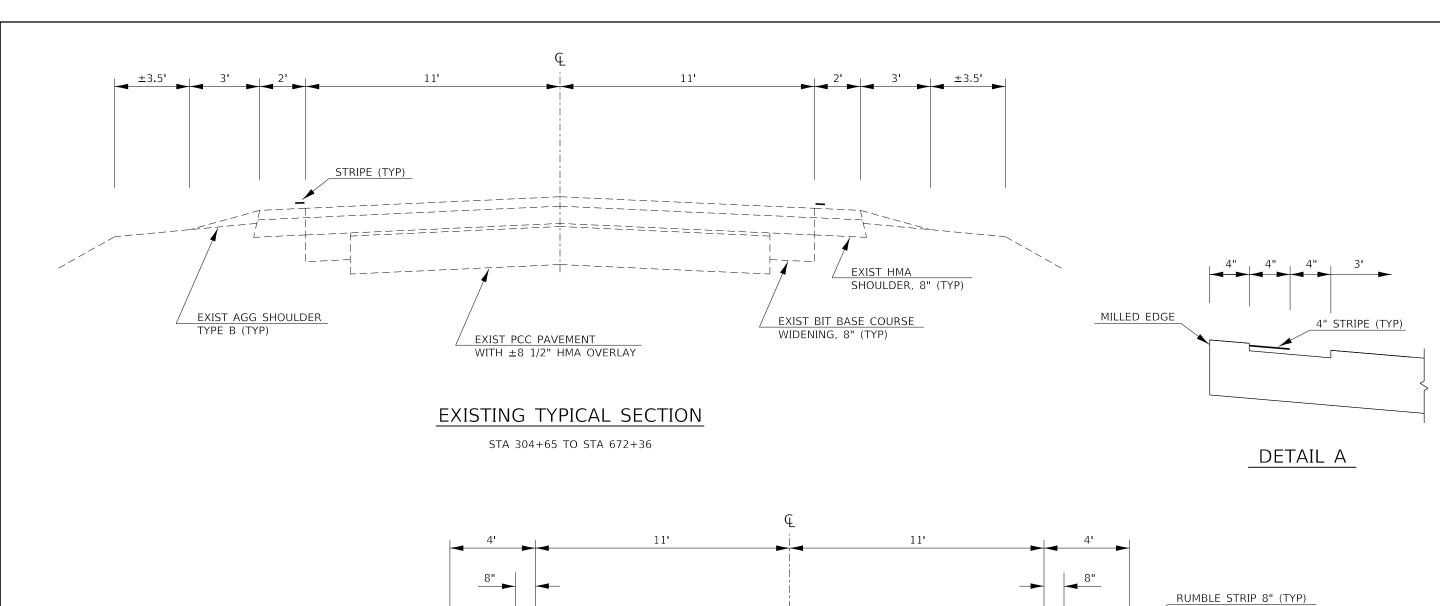
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	DRAWN -	REVISED -
PLOT SCALE = 100.0000 / in	CHECKED -	REVISED -
PLOT DATE = 3/21/2022	DATE -	REVISED -

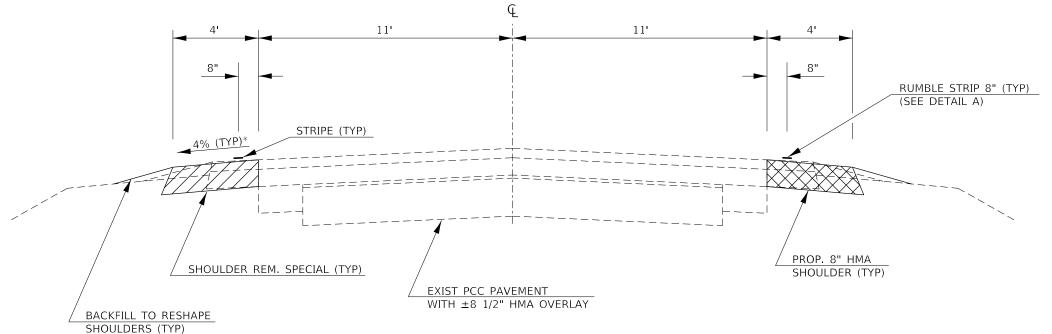
							F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SUMMARY OF QUANTITIES						786	(110, 111) SFY	LASALLE	10	3	
									CONTRAC	T NO. 66	5М16
	SCALE: SHEET OF SHEETS STA. TO STA.					ILLINOIS	FED. AID PROJECT				

				CONSTR. CODE 90% FED 10% STATE
CODE			TOTAL	SAFETY 0021
NO.	ITEM	UNIT	QUANTITY	RURAL
X0800001	SHOULDER REMOVAL (SPECIAL)	SQ YD	31301	31301
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	42	42

USER NAME = budzynskim	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100 0000 / in	CHECKED -	REVISED -
PLOT DATE = 3/21/2022	DATE -	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION





\*REFER TO STANDARD 482001 IN AREAS OF SUPERELEVATION

## PROPOSED TYPICAL SECTION

STA 304+65 TO STA 672+36

USER NAME = budzynskim	DESIGNED -	REVISED -								F.A.P. RTF.	SECTION	COUNTY	TOTAL	SHEET NO.
	DRAWN -	REVISED -	STATE OF ILLINOIS			TYPIC	AL SECT	TIONS		786	(110, 111) SFY	LASALLE	10	5
PLOT SCALE = 100.0000 / in	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION									CONTRAC	T NO. 66	5M16
PLOT DATE = 3/21/2022	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FED.	AID PROJECT		

MODEL: \$MODELNAMES FILE NAME: c:\pw work\pwidot\budzvnski

			SHC	OULDER I	REMOVAL &	REPLACEME	NT SCHEDU	LE	
LO	CATI	ON	SIDE	LENGTH	SHOULDER REMOVAL (SPECIAL)		BIT MTLS TACK COAT		*PAINT PVMT MARKING WHITE 4"
STA	ТО	STA	LT / RT	FOOT	SQ YD	SQ YD	POUND	FOOT	FOOT
N 21ST F	DD CTA	204.65							
N 2151 F	RD = SIF	304+65							
307+16	TO	312+55	LT & RT	539	480	480	216	1078	2156
312+55	TO	312+94	LT	39	18	18	8	39	78
STRUC	TURE OMI	SSION							896
SN 050-20									030
315+18	TO TO	315+60 357+47	RT	42	19	19	9	42	84
315+60	10	357+47	LT & RT	4187	3722	3722	1675	8284	16748
N 20TH F	RD = STA	357+73							
357+97 368+02	TO TO	368+02 368+30	LT & RT LT	1005 28	894 13	894 13	402 6	1960 28	4020 56
300+02	10	300+30		20	13	13	0	20	30
STRUC <sup>-</sup>	TURE OMI	SSION							932
SN 050-20	056 = ST	A 369+48							
370+63	TO	370+94	RT	31	14	14	7	31	62
370+94	TO	410+22	LT & RT	3928	3492	3492	1572	7761	15712
410+22	TO	410+37	RT	15	7	7	3	15	30
N. 10TH F		410.00							
N 19TH F	RD = SIA	410+60							
410+86	TO	443+52	LT & RT	3266	2904	2904	1307	6532	13064
443+52	TO	444+55	LT	103	46	46	21	103	206
CTDUC	TUDE OM	CCION							704
SN 050-20	TURE OMI								784
311 030 21	3, 3,	7. 113100							
446+51	TO	447+67	RT	116	52	52	24	116	232
447+67	TO	463+39	LT & RT	1572	1398	1398	629	3144	6288
N 18TH F	RD = STA	463+62							
	. 317								
463+89	TO	515+00	LT & RT	5111	4544	4544	2045	10142	20444
515+00	TO	516+25	RT	125	56	56	25	125	250
N 17TH F	RD = STA	x 516+25							
516+25	TO	517+17	RT	92	41	41	19	92	184
517+17	ТО	567+88	LT & RT	5071	4508	4508	2029	10142	20284
E 28TH F	RD = STA	x 568+12							
568+36	TO	617+12	LT & RT	4876	4335	4335	1951	9752	19504
617+12	ТО	617+68	LT	56	25	25	12	56	112
	PAGE O	NE SUBTO	L ΓAL	30202	26568	26568	11960	59442	122126

<sup>\*</sup>QUANTITY REPRESENTS TWO SEPARATE APPLICATIONS

USER NAME = budzynskim	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100 0000 / in	CHECKED -	REVISED -
PLOT DATE = 3/21/2022	DATE -	REVISED -

		_		F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
SCHEDULES							(110, 111) SFY	LASALLE	10	6
								CONTRACT	NO. 66	6M16
SCALE: SHEET OF SHEETS STA. TO STA.							ILLINOIS FED. A	ID PROJECT		

			SHC	DULD	ER REMO	VAL & REPI	LACEMENT S	CHEDULE (	CONT.)		
						SHOULDER	НМА	BIT MTLS	SHOULDER	*PAINT PVMT	
LO	CATI	ON	S	IDE	LENGTH	REMOVAL	SHOULDERS	TACK COAT	RUMBLE	MARKING	
						(SPECIAL)	8 "		STRIPS, 8"	WHITE 4"	
STA	STA TO STA LT / F		/ R	T FOOT	SQ YD	SQ YD	POUND	FOOT	FOOT		
N 17TH F	RD = ST	4 617+68									
617+68	TO	618+42		LT	74	33	33	15	74	148	
618+42	TO	622+53	LT	& RT	411	366	366	165	822	1644	
622+53	ТО	623+22		LT	69	31	31	14	69	138	
			<u> </u>		_						
E 2/1H F	RD = SI	4 623+22	1								
623+22	TO	623+98	<del> </del>	LT	76	34	34	16	76	152	
623+98	ТО	671+91	LT	& RT	4793	4261	4261	1918	9416	19172	
671+91	TO	672+07		LT	16	8	8	4	16	32	
N 16TH F	RD = ST	4 672+36									
	PAGE T	WO SUBTO	TAL		5439	4733	4733	2132	10473	21286	
					<del> </del>						
	T	OTAL			35641	31301	31301	14092	69915	143412	

MA	AILBOX TURN	OUT SCHEDUL	_E		
	HMA SURF	INCIDENTAL	BIT MTLS		
STA / SIDE	REMOVAL	HMA SURF	TACK COAT		
	2 "	2 "			
	SQ YD	TON	POUND		
348+78 LT	6.0	0.7	3		
360+53 RT	6.0	0.7	3		
400+65 RT	4.0	0.5	2		
504+18 LT	NO WORK	-	=		
625+38 LT	NO WORK	-	=		
664+00 LT	NO WORK	-	-		
TOTAL	16.0	1.9	8		

THE FIRST 4 FEET OF THE MBTO ADJACENT TO THE TRAVELED WAY IS PAID AS SHOULDER REMOVAL (SPECIAL) AND HMA SHOULDERS 8". THE REMAINING AREA OF THE MBTO IS PAID AS HMA SURFACE REMOVAL 2" AND INCIDENTAL HMA SURFACE 2".

	SURVEY MONUMENT TABLE											
		EXISTING	PROPOSED	MONUMENT								
MONUMENT	DESCRIPTION	MONUMENT	MONUMENT	RECORD TO BE	RESPONSIBILITY							
NUMBER		TYPE	TYPE	RECORDED								
N/A	NO CENTERLINE CONTROL OR LAND SURVEY	N/A	N/A	N/A	N/A							
	PERMANENT SURVEY MARKERS TO BE SET ON THIS JOB											

ONLY THE ORIGINAL SCOPE OF THIS JOB HAS BEEN SEARCHED FOR MONUMENTS. R.E. MUST INFORM PLATS AND PLANS TO SEARCH FOR ADDITIONAL MONUMENTS PRIOR TO CONSTRUCTION IF ADDENDUMS ARE ADDED.

NO KNOWN LAND SURVEY OR CENTERLINE CONTROL MONUMENTS WILL BE DISTURBED BY THE CONSTRUCTION.

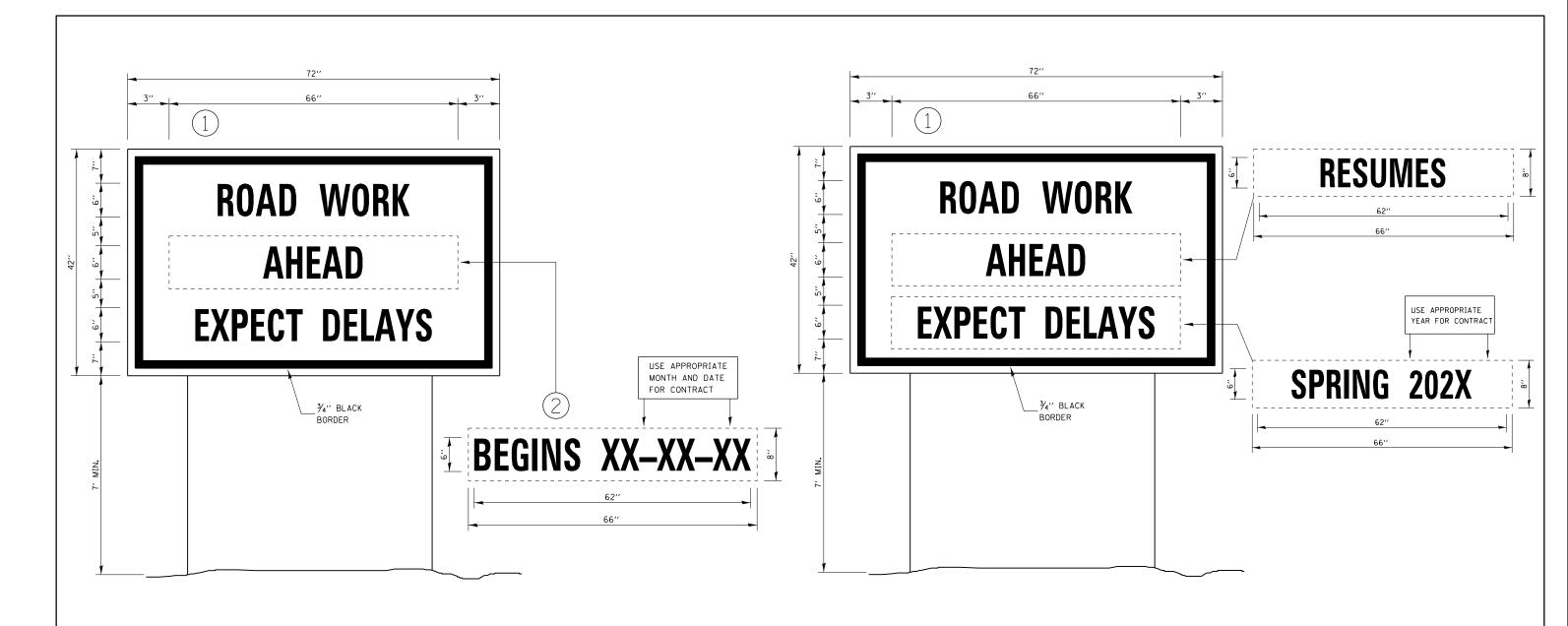
UNKNOWN MONUMENTS MAY EXIST. IF AN UNLISTED MONUMENT IS FOUND, R.E. IS REQUIRED TO PROTECT THE MONUMENT FROM DAMAGE UNTIL A PLATS AND PLANS LAND SURVEYOR CAN DOCUMENT THE MONUMENT. PLATS AND PLANS WILL RESET SUCH MONUMENTS IN KIND FOLLOWING CONSTRUCTION.

NO MONUMENT RECORDS ARE REQUIRED FOR THIS JOB.

		REVISED -
- REVISED -	DRAWN -	REVISED -
D - REVISED -	- 100 0000 / in CHECKED -	REVISED -
- REVISED -	= 3/21/2022 DATE -	REVISED -
- REVISED -	- 3/21/2022 DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

						F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		SCI	HEDULES	786	(110, 111) SFY	LASALLE	10	7		
								CONTRACT	NO. 66	M16
ALE:	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FED.	AID PROJECT		



#### TEMPORARY INFORMATION SIGNING

## WINTER SHUT DOWN SIGNING

SCALE:

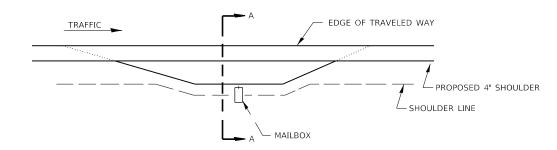
#### NOTES:

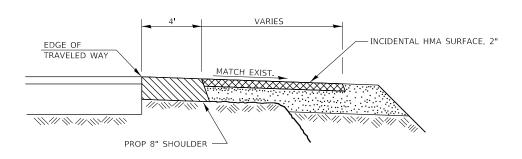
- 1. USE 6" D BLACK LETTERING ON FLOURESENT ORANGE BACKGROUND.
- 2. ERECT SIGNS AT LOCATIONS IN ADVANCE OF THE "ROAD CONSTRUCTION AHEAD" SIGNS AS DIRECTED BY THE ENGINEER.
- 3. ERECT SIGN (1) WITH INSTALLED PANEL (2) A MINIMUM OF ONE WEEK PRIOR TO THE START OF THE LANE CLOSURE.
- 4. REMOVE PANEL 2 ON THAT DATE.
- 5. SEE SPECIAL PROVISION "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
- 6. WILL BE PAID FOR PER SO FT AS "TEMPORARY INFORMATION SIGNING". EACH SIGN = 21 SO FT AND THE DATE PANEL ② WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.

USER NAME = budzynskim	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 / in	CHECKED -	REVISED -
PLOT DATE = 3/21/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

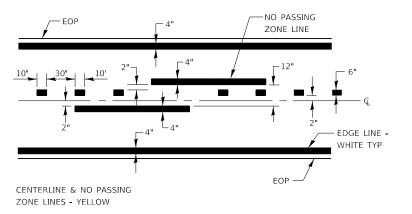
			DETAIL 0			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			DETAILS			786	(110, 111) SFY	LASALLE	10	8
								CONTRACT	NO. 66	6M16
:	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FED.	AID PROJECT		





## SECTION A-A

## RURAL MAILBOX TURNOUT DETAILS

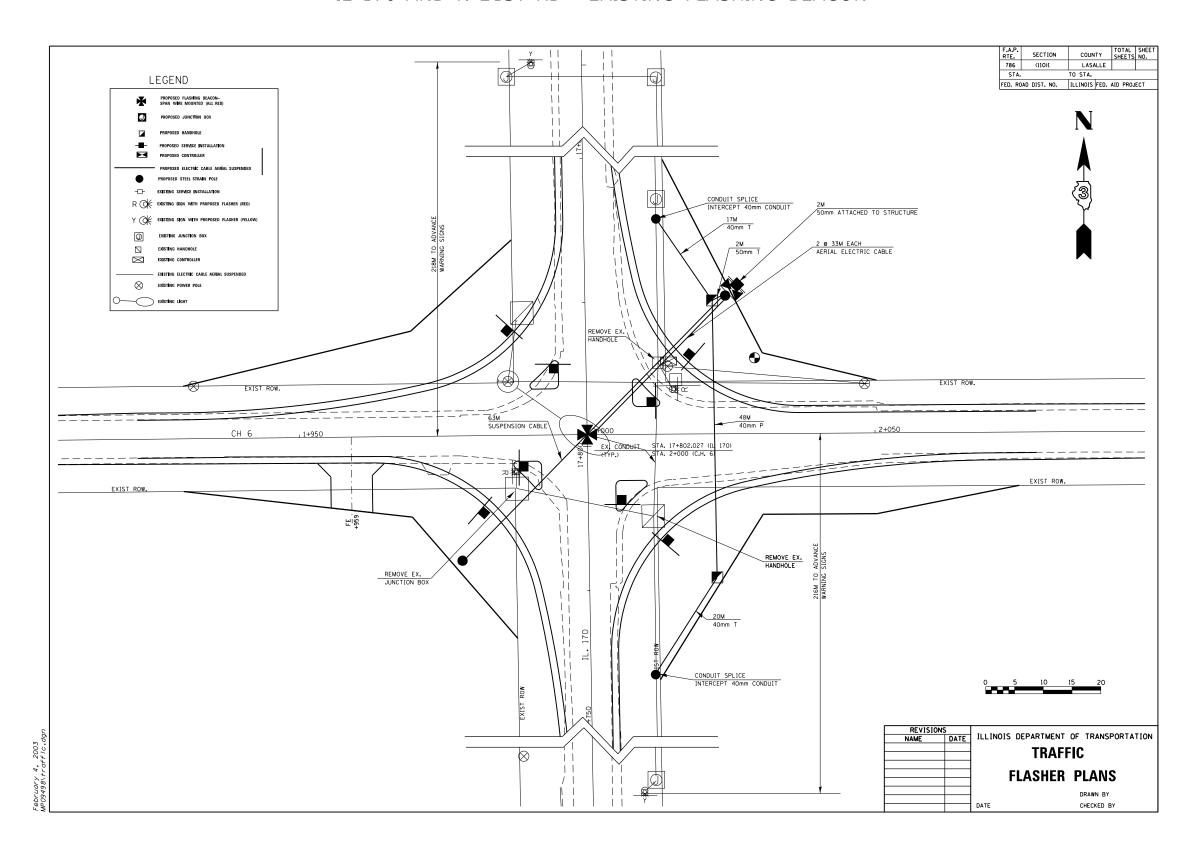


## PAVEMENT MARKING

USER NAME = budzynskim	DRAWN -	REVISED -	STATE OF ILLINOIS
PLOT SCALE = 100.0000 / in	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION
PLOT DATE = 3/21/2022	DATE -	REVISED -	

			D===1110			F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DETAILS							(110, 111) SFY	LASALLE	10	9
								CONTRACT	NO. 66	6M16
SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FED. A	ID PROJECT		

# FOR INFORMATION ONLY IL 170 AND N 21ST RD - EXISTING FLASHING BEACON



MODEL: \$MODELNAMES
FILE NAME: chair markawidathbuda

JSER NAME = budzynskim DESIGNED -REVISED -SECTION STATE OF ILLINOIS **DETAILS** DRAWN -REVISED -(110, 111) SFY LASALLE 10 10 **DEPARTMENT OF TRANSPORTATION** CHECKED -REVISED -CONTRACT NO. 66M16 DATE SHEET OF SHEETS STA.